



*Designers and Manufacturers of Mobile Health Clinics*

## **ADI Mobile Clinic Sustainable Features**

**Sustainability Goals: To reduce waste, think about the entire Life Cycle of the project. Build it to last, to be easily repaired, to be multi-functional, and to be built from healthy and sustainable materials.**

- **Evidence Based Design:** Interior layout provides an ergonomic and efficient clinical environment.
- **ADA Access:** All ADI Mobile clinics may be equipped with a wheelchair lift. Our floor plans are designed to include enough space to maneuver a wheelchair.
- **ADI Mobile Clinics** are an appropriate weight, have proper suspension & suitable power resources for the given application and net load.
- **Hospital grade aseptic surfaces:** Interior fiberglass wall sheathing is easily disinfected, strong, light, and recyclable. Surfaces such as cabinetry laminate, countertops and flooring are hospital grade, anti-microbial/anti-bacterial and/or easily disinfected.
- **Insulation:** ADI Mobile Clinics have high efficiency foam insulation. Ceiling = R25; Walls = R19, and Basement Compartments = R12.
- **Exterior Awnings** provide shade and shelter with one touch operation and auto high-wind retraction. The support struts are high and cantilevered out of the way.
- **Low VOC** finishes and adhesives are used throughout the interior of the clinic.
- **Laminated cabinets** and partition walls are custom built, aseptic & durable. They are constructed of solid wood or NAUF plywood (no particleboard or MDF anywhere in the clinic).
- **Solid Surface Countertops:** ADI specifies Samsung Staron solid surface countertops. Staron countertops are certified eco-friendly, are designed for durability and hygiene, and their "Recycled Series" is SCS Material Content Certified.
- **Lighting:** ADI uses LED Energy Star 120VAC and 12VDC lighting with color temperature and lumen levels specifically designed for your operating environment.
- **HVAC:** High efficiency, zoned and ducted roof mounted AC/Heat units with individually controlled registers are standard on all ADI Mobile Clinics. We can also include 12VDC reversible ceiling vent fans for additional air exchanges per hour (ACH).
- **Standard PEX water plumbing pipes** are robust, recyclable, & non-toxic.
- **12VDC** systems allow the use of the lowest power levels (where applicable) and add **back-up power** to critical computer system, refrigerators, HVAC & lighting with the addition of an inverter.
- **Flooring:** ADI specifies hospital grade, non-slip, anti-microbial flooring. We recommend LVT (luxury vinyl tile), but can also install sheet vinyl (LonSeal).

### **ADI Mobile Health - FACTORY**

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## **Advanced Dynamo Generator Sustainable Features**

- **ADyl Generators**: Our custom-built gasoline, LPG and diesel generators provide lean burn induction and clean exhaust (EPA/CARB 2020 Level 4 compliant). They are the quietest on the market (<62 DB LPG, <63 DB gasoline, <66 DB diesel), have low vibration and are low maintenance with 400 hours between oil changes.
- **ADyl's patented roof exhaust/heat riser system for the generator (standard on all ADI mobile clinics)** disperses the exhaust above and behind the mobile clinic. This ensures that the generator exhaust does not enter the vehicle through entry doors or windows, which provides greatly improved air quality for staff, clients, and family members. It also prolongs the life of your generator. It's our industry exclusive!

## **Winnebago Commercial Shell and Chassis Sustainable Features**

- **Freightliner FRED Diesel Chassis**: The FRED chassis is built in a "Zero Waste to Landfill" factory.
- **Freightliner FRED Diesel Engine**: The Cummins ISB 6.7L, 340 HP engine can run on Bio-Diesel fuel (up to 20% blend) and has near-zero emissions with the Cummins After-treatment System. Also includes On-board diagnostics to monitor and ensure clean operation and a Selective Catalytic Reduction (SCR) system to meet EPA emissions standards.
- **Ford F-53 Gasoline Chassis**: Comes with a 50 State Emissions System standard. Ford has reduced the carbon dioxide emissions, water use and "Waste to Landfill" numbers at their manufacturing facilities consistently since 2011.
- **Ford F-53 350 HP 7.3 L V-8 SEFI Triton® Gasoline Engine**: Standard Sequential multiport electronic fuel injection (SEFI) means the fuel is used more efficiently and released emissions are lower.
- **Shell Construction**: Interlocking reinforced Insulated Structural Panels (ISP) provide great strength, are light weight, easily repaired / replaced, and recyclable.
- Vehicle walls, roof & end caps are individually replaceable leading to lower repair costs.